

# Bi-Directional Underwater IceWalker

## Abstract

A bi-directional underwater icewalker is disclosed. The icewalker comprises a flotation base, a moveable rod connected to the underside of the base, a flotation arm attached to the rod containing a flotation arm skate and culminating in a spike at one end, a plurality of flotation base skates and a line attached to the bottom of the rod at one end and whose other end passes through an eyelet which is attached to the underside of the flotation base. By pulling on the line, the icewalker moves bi-directionally underneath a mass of ice.